



Certificate No. 01-013294/019791

TYPE APPROVAL CERTIFICATE

This is to certify that this product, on the basis of the Rules for the classification of ships, Part 1 - General requirements, Chapter 3 - Type approval of products.

TYPE AND DESCRIPTION OF PRODUCT:

FLOATING PONTOON TYPE MPW

MANUFACTURER:



MAJESTIC MARINE ENGINEERING LLC

PO Box 122235, Dubai
UAE

THE PRODUCT MEETS FOLLOWING RULES/REGULATIONS:

Rules for the classification of ships;
CRS Technical Circular QC-T-191.

FURTHER DETAILS OF THE PRODUCT AND CONDITIONS FOR CERTIFICATION ARE GIVEN OVERLEAF.

APPROVAL IS VALID UNTIL: **2023-03-12**

Place and date: Split, 2019-03-12

Seal

Marinko Popović, dipl.ing.

NOTE: This certificate is not valid for equipment, the design or manufacture of which has been varied or modified from the specimen tested. The manufacturer should notify Croatian Register of Shipping of any modification or changes to the product in order to obtain a valid certificate.

DETAILED PRODUCT DESCRIPTION:

Floating pontoon type MPW is made of a composite frame which is entirely encapsulated with multiple layers of fibreglass mat, woven rovin, resin and finished with a fire retardant, UV resistant top gelcoat layer. The central compartments of the pontoon are watertight and may be filled with EPS foam.

Pontoon dimensions:

length **6 - 15 m**
breath **3.0 m**
freeboard **0.55 m**

height **0.76 m**
joint strenght **180 KN per bolt**

APPLICATION / LIMITATIONS:

N/A

TYPE APPROVAL DOCUMENTATION:

**Product data sheet- Fibre reinforced polymer (FRP) monoblock pontoon heavy duty series.
Drawing "MPW Architectural details", Rev.1, October 2016.
Pontoon Structural Analysis, Rev. 0, June 2017.
Drawing "MPW Structural details", Rev.0, November 2016.
Design Report for Pontoon Stability, Rev. 1, October 2016.
Drawing "MPW Pontoon to pontoon connection details ", Rev.1, November 2016.
Drawing "Elastic anchoring point details", Rev.0, November 2016.
FRP Pontoon Fabrication Method Statement, Rev. 0, February 2019.
Pontoon test report dated 2019.02.06.**

MARKING OF PRODUCT:

The product shall be marked with name of manufacturer, type of pontoon and serial number.

CONDITIONS FOR CERTIFICATION:

N/A